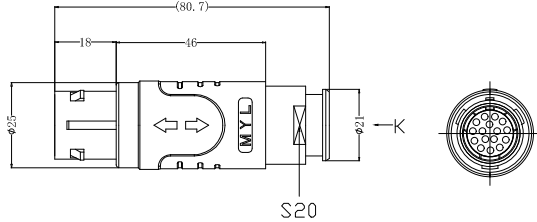


1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度 : -55℃~150℃  
 Humidity(max)/最大潮湿 : <=95% [at 60 deg C / 140 F]  
 Shielding /屏蔽性能 : 75dB(10MHz) 40dB(1GHz)  
 Salt Spray Corrosion/盐雾 : 96hr

Mechanical data/机械特性:

Vibration/振动 : 15g[10Hz~2000Hz]  
 Shock Resistance/冲击 : 100g[6ms]  
 Endurance (Shell)/机械寿命 : 5000+  
 Cable/配接电缆:  $\phi$ 11.1mm- $\phi$ 12.0mm



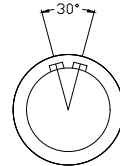
2. 电气性能

Insert Configuration/针芯配置: 4BP.316 16Low Voltage  
 Pin Size/接触件直径:  $\phi$ 0.9mm  
 Contact resistance接触电阻:  $\leq$ 4m $\Omega$   
 Insulation resistance/绝缘电阻: 5000M $\Omega$  (测试电压500V(DC))  
 Withstand voltage/耐压: 1350V(AC)  
 Rated working current额定工作电流: 10.0A

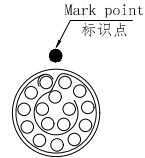
Other Specification/其它规格:

Contact PIN/接触体 : Gold plated Tin bronze/锡青铜镀金  
 Housing Material/外壳材质 : PEEK  
 Other Shell Material/其它壳体材质: 铜镀镍  
 Insulator material/绝缘体材料: PEEK  
 IP Rating/防护等级 : IP50

\*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.



Plug front view  
插头前视图



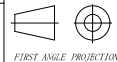
view K  
K向孔位排列

DRAWN BY: 综研: P003 2024.05.28  
 CHECKED BY: 审核: Z01 2024.05.28  
 APPROVED BY: 核准: P005 2024.05.28



美易连电子科技(深圳)有限公司  
 Meiyilian electronic technology (shenzhen) Co., Ltd.

GENERAL TOLERANCE (UNLESS SPECIFIED)  
 $\leq$ 10  $\pm$ 0.1  
 $< 10^\circ \leq$ 20  $\pm$ 0.15  
 $< 20^\circ \leq$ 50  $\pm$ 0.3  
 Angle  $\pm$ 1°



单位 UNT: mm  
 比例 SCALE: 1:1  
 型号 PART NAME  
 型号 PART NAME

TG-4BP直式插头(带护套式尾帽)  
 TG-4BP Straight Plug  
 (with jacketed tail cap)  
 TGG. 4BP. 316. KWKAD122Z

REV/版本 A1 SHEET: 1 OF 1

